INDEX TO VOLUME 28

A

Abbott, Osler. Discussion of adenomas of trachea and bronchus, 430

Abdomen, chylothorax following blow to (Baron and Reardon), 11

Achalasia, physiologic basis for utilization of esophagocardiomyotomy in treatment of (Nemir and Hawthorne), 247

Acree, Page W. (with DeCamp, Paul T., and Ochsner, Alton) Pulmonary blastomycosis, 175, 193

Adams, Ralph. Discussion of palliation of esophageal obstruction, 445
Discussion of studies on cardiac arrest, 461

Adenomas of trachea and bronchus in general hospital, clinical survey of (Soutter, Sniffen, and Robbins), 412

Albertson, Horace A. (with Leavitt, Daniel, and Gamble, John R.) Simple method for doing thoracentesis using plasma-collecting vacuum bottle, 544

Alexander, John. In memoriam, 547

American Association for Thoracic Surgery, notice of 35th annual meeting, 108, 220, 344, 446, 550, 638
presidential address (Holman), 109
Surgical Forum, 221

Anesthesia, method for measuring tidal and minute volumes in patients under regional and general (Zinberg and Jensen), 85

Aneurysms, relation to development of: obscure physiology of poststenotic dilatation (Holman), 109

Aorta, differential behavior of arterial homografts implanted in thoracic and abdominal (Kanar, Nyhus, Schmitz, Sauvage, Moore, Zech, and Harkins), 310
and pulmonary artery, complete transposition of (Björk and Bouckaert), 632

Aortic and pulmonary valves and proximal great vessels, simple shunting technique for surgery of (Cross, Kay, and Jones), 229
stenosis, experiences in surgical treatment of (Muller, Kattus, Dammann, and Smith), 516

Arteries, ligation of cellophane-protected (Birnbaum), 628
to lung, absence or hypoplasia of pulmonary artery with anomalous systemic (Maier), 145

Atresia of esophagus, congenital tracheoesophageal fistula without (Mullard), 39

Aufses, Arthur H. Discussion of carcinoma of lung, 410

Autografts, composite venofascial: creation and employment; experimental study (Chun, Forney, and Fell), 281

Avery, Edward E. Discussion of hypothermia in cardiac surgery, 479
Discussion of symposium on pulmonic stenosis, 514

B

Bailey, C. P. Discussion of hypothermia in cardiac surgery, 478
Discussion of surgical treatment of aortic stenosis, 530, 534
Discussion of symposium on mitral insufficiency, 626
Discussion of symposium on pulmonic stenosis, 513
(with Jamison, William L., Bakst, Alvin E., Bolton, Houck E., Nichols, Henry T., and Gemeinhardt, W.) Surgical correction of mitral insufficiency by use of pericardial grafts, 551
(with Neptune, Wilford B.) Mitral commissurotomy through right thoracic approach, 15

Bakst, Alvin E. (with Bailey, Charles P. Jamison, William L., Bolton, Houck E., Nichols, Henry T., and Gemeinhardt, W.) Surgical correction of mitral insufficiency by use of pericardial grafts, 551

Baron, Charles (with Reardon, Marc) Chylothorax following blow to abdomen, 11

Benedict, E. B. Discussion of benign strictures of esophagus, 363
Discussion of palliation of esophageal obstruction, 443

Bickham, Charles E. (with Davis, Edgar W., Hampton, Aubrey O., and Winship, Theodore) Lipoid pneumonia simulating tumor, 212

Bigelow, W. G. Discussion of hypothermia in cardiac surgery, 480
(with Mustard, W. T., and Evans, J. G.) Some physiologic concepts of hypothermia and their applications to cardiac surgery, 463

Birnbaum, George L. Ligation of cellophane-protected arteries, 628

Björk, Viking Olov. Thoracoplasty—new osteoplastic technique, 194
(with Bouckaert, Leon) Complete transposition of aorta and pulmonary artery—experimental study of surgical possibilities for its treatment, 632

Black, Harrison (with Harken, Dwight E., Ellis, Laurence B., and Dexter, Lewis) Surgical correction of mitral insufficiency, 604
Blood coagulation and prothrombin concentration on patients with tuberculosis, study of effect of para-aminosalicylic acid on, 103
Bloomer, W. E. Discussion of intracardiac surgery, 272
Blount, Gilbert, Jr. (with Swan, Henry, Cleveland, Henry C., and Mueller, Helmut) Pulmonic valvular stenosis—results and technique of open valvuloplasty, 504
Bolton, Houck E. (with Bailey, Charles P., Jamison, William L., Bakst, Alvin E., Nichols, Henry T., and Gemeinhardt, W.) Surgical correction of mitral insufficiency by use of pericardial grafts, 551
Bosher, Lewis H. Discussion of benign strictures of esophagus, 365
Botwin, Arnold E. Pedunculated atrial flaps used for experimental cardiac surgery, 300
Bouckaert, Leon (with Björk, Viking Olov) Complete transposition of aorta and pulmonary artery—experimental study of surgical possibilities for its treatment, 632
Boyd, David P. (with Smedal, Magnus, Kirtland, Howard B., Jr., Kelley, Gurney E., and Trump, John G.) Carcinoma of lung—report of 403 cases, 392, 411
Bradsher, Jacob T., Jr. (with Swann, William K., and Rodriguez-Arroyo, Jorge) Intracardiac surgery with aid of artificial operative tunnels, 266
Breathing in surgery, pressure (Saklad), 31
Brodkin, Henry A. (with Peer, Lyndon A.) Diced cartilage for chest wall defects, 97
Bronchopleural fistula after pulmonary excision for tuberculosis, effect of preoperative streptomycin on incidence of (Gordon), 1
Bronchus in a general hospital, clinical survey of adenomas of trachea and (Soutter, Sniffen, and Robbins), 412
Brown, A. L. Discussion of palliation of esophageal obstruction, 444

C

Calabresi, Massimo (with Hurwitz, Alfred, Cooke, Ronald W., and Liebow, Averill A.) Experimental study of venous collateral circulation of lung. II. Functional observations, 241
Callanan, J. G. Simultaneous occurrence of simple and malignant tumors in esophagus, 4
Campbell, Guy D. (with Webb, Watts R.) Use of endotracheal tube in pulmonary edema, 222
Carcinoma of lung—report of 403 cases (Boyd, Smedal, Kirtland, Kelley, and Trump), 392
of middle and upper thoracic esophagus, synchronous combined abdominal-right thoracic approach for (Seiler), 305
with permanent intraluminal tube, palliation of esophageal obstruction due to (Mackler and Mayer), 431
Cardiac abnormalities, ciliated epithelial cyst of esophagus associated with (Creech and DeBakey), 64
arrest, studies on; relationship of hypercapnia to ventricular fibrillation (Sealy, Young, and Harris), 447
surgery, pedunculated atrial flaps used for experimental (Botwin), 300
some physiologic concepts of hypothermia and their applications to (Bigelow, Mustard, and Evans), 463
Cardioangiography (Smith, Wilson, Cregg, and Klassen), 273
Cardiorespiratory functions by a pump-oxygenator, the closure of interventricular septal defects in dogs during open cardiotomy with the maintenance of (Gibbon, Miller, Dobell, Engell, and Voigt), 235
Cardiotomy with maintenance of cardiorespiratory functions by a pump-oxygenator, closure of interventricular septal defects in dogs during open (Gibbon, Miller, Dobell, Engell, and Voigt), 235
Carter, Max G. Discussion of palliation of esophageal obstruction, 443
Cartilage for chest wall defects, diced (Brodkin and Peer), 97
Cellophane-protected arteries, ligation of (Birnbaum), 628
Chest wall defects, diced cartilage (Brodkin and Peer), 97
unusual problems in management of (Heaney, Cronin, and Overton), 23
Chun, Newton (with Forney, Richard, and Fell, Egbert H.) Composite venofascial autografts: Creation and employment—an experimental study, 281
Chylothorax following blow to abdomen (Baron and Reardon), 11
Circulation for open intracardiac surgery, controlled cross; physiologic studies and results of creation and closure of ventricular septal defects (Warden, Cohen, Read, and Lillehei), 331
Clagett, O. Theron. Discussion of pulmonary blastomycosis, 192

Cleveland, Henry C. (with Swan, Henry, Mueller, Helmut, and Blount, S. Gilbert, Jr.) Pulmonic valvular stenosis; results and technique of open valvuloplasty, 504

Clowes, George H. A., Jr. Discussion of studies on cardiac arrest, 459

Cohen, Morley (with Warden, Herbert E., Read, Raymond C., and Lillehei, C. Walton) Controlled cross circulation for open intracardiac surgery; physiologic studies and results of creation and closure of ventricular septal defects, 331

Collapse therapy of pulmonary tuberculosis, tuberculous infections complicating subcostal plombage with Lucite spheres for the (Desforges, Gibbon, and Strieder), 636

Commissurotomy and pulmonary valvulotomy, the effect of intrapericardial and intracardiac procaine upon circulation in man during mitral (Fitzpatrick, Papper, Krahl, McAllister, and Humphreys), 259

through right thoracic approach, mitral (Neptune and Bailey), 15

Cooke, Ronald W. (with Hurwitz, Alfred, Calabresi, Massimo, and Liebow, Averill A.) Experimental study of venous collateral circulation of lung. II. Functional observations, 241

Cooley, Denton A. Discussion of method of preventing peptic esophagitis following esophagogastrostomy, 380

Coronary circulation by jejunal pedicle graft, method of supplementing (Key, Kergin, Martineau, and Leckey), 320

Creech, Oscar, Jr. (with DeBakey, Michael E.) Ciliated epithelial cyst of esophagus associated with cardiac abnormalities, 64

Cregg, Hugh A. (with Smith, Philip W., Wilson, Charles W., and Klassen, Karl P.) Cardioangiography, 273

Cronin, Thomas D. (with Heaney, John P., and Overton, Robert C.) Unusual problems in management of chest wall defects, 23

Cross, Frederick S. (with Kay, Earle B., and Jones, Richard D.) Simple shunting technique for surgery of aortic and pulmonary valves and proximal great vessels, 229

Cummins, C. F. A. A neonatal thoracotomy retractor, 546

D

DaCunha, Fernando (with Holinger, Paul H., Johnston, Kenneth C., and Potts, Willis J.) Conservative and surgical management of benign strictures of esophagus, 345

Dammann, J. Francis, Jr. (with Muller, William H., Jr., Kattus, Albert A., Jr., and Smith, Rodney T.) Experiences in surgical treatment of aortic stenosis, 516

Davis, Edgar W. Discussion of chronic interstitial pneumonitis, 142

Discussion of surgical treatment of aortic stenosis, 534

(with Hampton, Aubrey O., Bickham, Charles E., and Winship, Theodore) Lipoid pneumonia simulating tumor, 212

DeBakey, Michael E. (with Creech, Oscar, Jr.) Ciliated epithelial cyst of esophagus associated with cardiac abnormalities, 64

DeCamp, Paul T. (with Acree, Page W., and Ochsner, Alton) Pulmonary blastomycosis, 175

Desforges, Gerard (with Gibbons, Glen, and Strieder, John W.) Tuberculous infections complicating subcostal plombage with Lucite spheres for collapse therapy of pulmonary tuberculosis, 636

Deterling, Ralph A. Discussion of hypothermia in cardiac surgery, 479

Discussion of reconstruction of superior vena cava, 173

Dilatation, obscure physiology of poststenotic: its relation to development of aneurysms (Holman), 109

Dobell, Anthony R. (with Gibbon, John R., Jr., Miller, Bernard J., Engell, Hans C., and Voigt, George B.) Closure of interventricular septal defects in dogs during open cardiotomy with maintenance of cardiorespiratory functions by a pump-oxygenator, 235

Dodrill, Forest B. Discussion of symposium on mitral insufficiency, 624

Donovan, T. J. Discussion of simple shunting technique, 234

E

Ectopia cordia, thoracoabdominal (Major), 309

Ehrenhaft, J. L. Discussion of method of preventing peptic esophagitis following esophagogastrostomy, 382

Ellis, F. Henry, Jr. (with Neuman, Harold W.) Experimental esophagogastectomy; evaluation of associated gastric-drainage procedures, 291

Ellis, Laurence B. (with Harken, Dwight E., Black, Harrison, and Dexter, Lewis) Surgical correction of mitral insufficiency, 604

Eloesser, Leo. Discussion of chronic interstitial pneumonitis, 143

Endotracheal tube in pulmonary edema, use of (Webb and Campbell), 222

Engell, Hans C. (with Gibbon, John H., Jr., Miller, Bernard J., Dobell, Anthony R., and Voigt, George B.) Closure of interventricular septal defects in dogs during open cardiotomy with maintenance of cardiorespiratory functions by a pump-oxygenator, 235

Epithelial cyst of esophagus associated with cardiac abnormalities, ciliated (Creech and DeBakey), 64

Esophageal obstruction due to carcinoma with permanent intraluminal tube, palliation of (Mackler and Mayer), 431

Esophagitis following esophagogastrostomy, method of preventing peptic (Watkins Prevedel, and Harper), 367

Esophagocardiomyotomy in treatment of achalasia, physiologic basis for utilization of (Nemir and Hawthorne), 247

Esophagogastrectomy, experimental; evaluation of associated gastric-drainage procedures (Neuman and Ellis), 291

Esophagogastrostomy, method of preventing peptic esophagitis following (Watkins, Prevedel, and Harper), 367

Esophagus associated with cardiac abnormalities, ciliated epithelial cyst of (Creech and DeBakey), 64

congenital tracheoesophageal fistula without atresia of (Mullard), 39

conservative and surgical management of benign strictures of (Holinger, Johnston, Potts, and DaCunha), 345

simultaneous occurrence of simple and malignant tumors in (Callanan), 4

synchronous combined abdominal-right thoracic approach for carcinoma of middle and upper thoracic (Seiler), 305

Evans, B. H. Discussion of palliation of esophageal obstruction, 444

Evans, J. G. (with Bigelow, W. G., and Mustard, W. T.) Some physiologic concepts of hypothermia and their applications to cardiac surgery, 463

F

Fell, Egbert H. Discussion of surgical treatment of aortic stenosis, 533

(with Chun, Newton, and Forney, Richard) Composite venofascial autografts: creation and employment; experimental study, 281, 290

Fistula without atresia of the esophagus, congenital tracheoesophageal (Mullard), 39

Fitzpatrick, Hugh F. (with Paper, E. M., Krahl, Enzo, McAllister, F. F., and Humphreys, George, H., II.) Effect of intrapericardial and intracardiac procaine upon circulation in man during mitral commissurotomy and pulmonary valvulotomy, 259

Flaps used for experimental cardiac surgery (Botwin), 300

Forney, Richard (with Chun, Newton, and Fell, Egbert H.) Composite venofascial autografts: creation and employment; experimental study, 281

Fox, John R., Jr. Discussion of jejunal pedicle graft to supplement circulation, 328

G

Gamble, John R. (with Albertson, Horace A., and Leavitt, Daniel) Simple method for doing thoracentesis using plasma-collecting vacuum bottle, 544

Garlock, John H. Discussion of method of preventing peptic esophagitis following esophagogastrostomy, 380

Gastric-drainage procedures, evaluation of associated: experimental esophagogastrectomy (Neuman and Ellis), 291

Gemeinhardt, W. (with Bailey, Charles P., Jamison, William L., Bakst, Alvin E., Bolton, Houck E., and Nichols, Henry T.) Surgical correction of mitral insufficiency by use of pericardial grafts, 551

Gerbasi, F. S. Discussion of benign strictures of esophagus, 365

Gerbode, Frank L. Discussion of reconstruction of superior vena cava, 173

Discussion of studies on cardiac arrest, 462

Gibbon, John H., Jr. Discussion of carcinoma of lung, 408

Discussion of controlled cross circulation, 343

Discussion of studies on cardiac arrest, 460

(with Miller, Bernard J., Dobell, Anthony R., Engell, Hans C., and Voigt, George B.) Closure of interventricular septal defects in dogs during open cardiotomy with maintenance of cardiorespiratory functions by pump-oxygenator, 235

Gibbons, Glen (with Desforges, Gerard, and Strieder, John W.) Tuberculous infections complicating subcostal plombage with Lucite spheres for collapse therapy of pulmonary tuberculosis, 636

Gilbertsen, Victor A. (with Lillehei, C. Walton) Bilateral intrathoracic neurofibromas of vagus nerves; with note on physiologic effects of cervicothoracic, 78

Glover, Robert P. Discussion of surgical treatment of aortic stenosis, 530

(with O'Neill, Thomas J. E., Gontigo, Hugo, McAuliffe, Thomas C., and Wells, C. Robert E.) Surgery of infundibular pulmonic stenosis with intact ventricular septum (type of "pure" pulmonic stenosis), 481

Goldman, Alfred. Discussion of adenomas of trachea and bronchus, 430

Gontigo, Hugo (with Glover, Robert P., O'Neill, Thomas J. E., McAuliffe, Thomas C., and Wells, C. Robert E.) Surgery of infundibular pulmonic stenosis with intact ventricular septum (type of "pure" pulmonic stenosis), 481

Gordon, Joseph. Discussion of carcinoma of lung, 410

Gordon, Wally. Effect of preoperative streptomycin on incidence of bronchopleural fistula after pulmonary excision for tuberculosis, 1

Graft, method of supplementing coronary circulation by jejunal pedicle (Key, Kergin, Martineau, and Leckey), 320

Grimes, Orville F. Discussion of esophagocardiomyotomy in achalasia, 256

Gross, Robert E. Discussion of thoracic and abdominal aortic homografts, 319

H

Haight, Cameron. In memoriam; John Alexander, 547

Hampton, Aubrey O. (with Davis, Edgar W., Bickham, Charles E., and Winship, Theodore) Lipoid pneumonia simulating tumor, 212

Hanlon, Rollins. Discussion of reconstruction of superior vena cava, 172

Harken, Dwight E. Discussion of surgical treatment of aortic stenosis, 531

Discussion of symposium on mitral insufficiency, 626

(with Black, Harrison, Ellis, Laurence B., and Dexter, Lewis) Surgical correction of mitral insufficiency, 604

Harkins, Henry N. (with Kanar, Edmund A., Nyhus, Lloyd M., Schmitz, Everett J., Sauvage, Lester R., Moore, Horace G., Jr., and Zech, Ralph K.) Differential behavior of arterial homografts implanted in thoracic and abdominal aorta, 310

(with Watkins, David H., Prevedel, Arthur, and Harper, Fred R.) Method of preventing peptic esophagitis following esophagogastrostomy; experimental and clinical study, 367

Harris, Jerome S. (with Sealy, Will C., and Young, W. Glenn, Jr.) Studies on cardiac arrest; relationship of hypercapnia to ventricular fibrillation, 447

Harter, John S. Discussion of absence of hypoplasia of pulmonary artery, 161

Hawthorne, H. R. (with Nemir, Paul, Jr.) Physiologic basis for utilization of esophagocardiomyotomy in treatment of achalasia, 247

Heaney, John P. (with Cronin, Thomas D., and Overton, Robert C.) Unusual problems in management of chest wall defects, 23

Himmelstein, Aaron. Discussion of symposium on pulmonic stenosis, 512

Holinger, Paul H. (with Johnston, Kenneth C., Potts, Willis J., and DaCunha, Fernando) Conservative and surgical management of benign strictures of esophagus, 345, 366

Holman, C. W. Discussion of reconstruction of superior vena cava, 174

Holman, Emile. Obscure physiology of poststenotic dilatation: Its relation to development of aneurysms, 109

Homografts implanted in thoracic and abdominal aorta, differential behavior of arterial (Kanar, Nyhus, Schmitz, Sauvage, Moore, Zech, and Harkins), 310

Hughes, Felix A., Jr. Discussion of pulmonary blastomycosis, 192

Discussion of surgical treatment of aortic stenosis, 534

Humphreys, George H., II. (with Fitzpatrick, Hugh F., Papper, E. M., Krahl, Enzo, and McAllister, F. F.) Effect of intrapericardial and intracardiac procaine upon circulation in man during mitral commissurotomy and pulmonary valvulotomy, 259

Hurwitz, Alfred. Discussion of method of preventing peptic esophagitis following esophagogastrostomy, 379

(with Calabresi, Massimo, Cooke, Ronald W., and Liebow, Averill A.) Experimental study of venous collateral circulation of lung. II. Functional observations, 241

Hypercapnia to ventricular fibrillation, relationship of: studies on cardiac arrest (Sealy, Young, and Harris), 447

Hypoplasia of pulmonary artery with anomalous systemic arteries to lung, absence of (Maier), 145

Hypothermia, some physiologic concepts of, and their applications to cardiac surgery (Bigelow, Mustard, and Evans), 462

I

Infundibular pulmonic stenosis with intact ventricular septum (type of "pure" pulmonic stenosis), surgery of (Glover, O'Neill, Gontigo, McAuliffe, and Wells), 481

Intracardiac surgery with aid of artificial operative tunnels (Swann, Bradsher, and Rodriguez-Arroyo), 266

controlled cross circulation for open; physiologic studies and results of creation and closure of ventricular septal defects (Warden, Cohen, Read, and Lillehei), 331

Iverson, Lalla (with Umiker, W. O.) Post-inflammatory "tumors" of lung; report of four cases simulating xanthoma, fibroma, or plasma cell tumor, 55

J

Jackson, Chevalier L. Discussion of adenomas of trachea and bronchus, 428

Jamison, William L. (with Bailey, Charles P., Bakst, Alvin E., Bolton, Houck E., Nichols, Henry T., and Gemeinhardt, W.) Surgical correction of mitral insufficiency by use of pericardial grafts, 551

Jensen, N. K. Discussion of studies on cardiac arrest, 460

(with Zinberg, Samuel) Method for measuring tidal and minute volumes in patients under regional and general anesthesia, 85

Johnson, Julian. Discussion of surgical treatment of aortic stenosis, 534

Discussion of symposium on pulmonic stenosis, 512

Johnston, Kenneth C. (with Holinger, Paul H., Potts, Willis J., and DaCunha, Fernando) Conservative and surgical management of benign strictures of esophagus, 345

Jones, John C. Discussion of carcinoma of lung, 409

Jones, Richard D. (with Cross, Frederick S., and Kay, Earle B.) Simple shunting technique for surgery of aortic and pulmonary valves and proximal great vessels, 229

K

Kanar, Edmund A. (with Nyhus, Lloyd M., Schmitz, Everett J., Sauvage, Lester R., Moore, Horace G., Jr., Zech, Ralph K., and Harkins, Henry N.) Differential behavior of arterial homografts implanted in thoracic and abdominal aorta, 310

Kattus, Albert A., Jr. (with Muller, William H., Jr., Dammann, J. Francis, Jr., and Smith, Rodney T.) Experiences in surgical treatment of aortic stenosis, 516

Kay, Earle B. Discussion of reconstruction of superior vena cava, 171

Discussion of symposium on mitral insufficiency, 625

(with Cross, Frederick S., and Jones, Richard D.) Simple shunting technique for surgery of aortic and pulmonary valves and proximal great vessels, 229

Kelley, Gurney E. (with Boyd, David P., Smedel, Magnus I., Kirtland, Howard B., Jr., and Trump, John G.) Carcinoma of lung; report of 403 cases, 392

Kergin, Frederick G. (with Key, James A., Martineau, Yves, and Leckey, R. G.) Method of supplementing coronary circulation by jejunal pedicle graft, 320

Key, James A. (with Kergin, Frederick G., Martineau, Yves, and Leckey, R. G.) Method of supplementing coronary circulation by a jejunal pedicle graft, 320

Kipp, Harold A. Discussion of chronic interstitial pneumonitis, 143

Kirtland, Howard B., Jr. (with Boyd, David P., Smedal, Magnus I., Kelley, Gurney E., and Trump, John G.) Carcinoma of lung; report of 403 cases, 392

Klassen, Karl P. Discussion of reconstruction of superior vena cava, 172

(with Smith, Philip W., Wilson, Charles W., and Cregg, Hugh A.) Cardioangiography, 273

Krahl, Enzo (with Fitzpatrick, Hugh F., Papper, E. M., McAllister, F. F., and Humphreys, George H., II.) Effect of intrapericardial and intracardiac procaine upon circulation in man during mitral commissurotomy and pulmonary valvulotomy, 259

L

Leavitt, Daniel (with Albertson, Horace A., and Gamble, John R.) Simple method for doing thoracentesis using plasma-collecting vacuum bottle, 544

Leckey, R. G. (with Key, James A., Kergin, Frederick G., and Martineau, Yves) Method of supplementing coronary circulation by jejunal pedicle graft, 320

Lewis, F. John. Discussion of hypothermia in cardiac surgery, 477

(with Shumway, Norman E., Zimmermann, Bernard, and Weatherhead, D. Stuart P.) Staged and simultaneous bilateral pulmonary resection for tuberculosis, 90

Liebow, Averill A. (with Hurwitz, Alfred, Calabresi, Massimo, and Cooke, Ronald W.) Experimental study of venous collateral circulation of lung. II. Functional observations, 241

Lillehei, C. Walton (with Gilbertsen, Victor A.) Bilateral intrathoracic neurofibromas of vagus nerves; with note on physiologic effects of cervicothoracic, 78

(with Warden, Herbert E., Cohen, Morley, and Read, Raymond C.) Controlled cross circulation for open intracardiac surgery; physiologic studies and results of creation and closure of ventricular septal defects, 331, 341

Linner, John H. Study of effect of para-aminosalicylic acid on blood coagulation and prothrombin concentration on patients with tuberculosis, 103

Lipid deposition, etiology of chronic interstitial pneumonitis associated with (Waddell, Sniffen, and Whytehead), 134

Lobar agenesis of lung (Storey and Marrangoni), 536

Lockwood, A. L. Discussion of controlled cross circulation, 343

Lucite spheres for collapse therapy of pulmonary tuberculosis, tuberculous infections complicating subcostal plombage with (Desforges, Gibbons, and Strieder), 636

Lung, absence or hypoplasia of pulmonary artery with anomalous systemic arteries to (Meier), 145

carcinoma of; report of 403 cases (Boyd, Smedal, Kirtland, Kelley, and Trump), 392

experimental study of venous collateral circulation of. II. Functional observations (Hurwitz, Calabresi, Cooke, and Liebow), 241

Lung—Cont'd

lobar agenesis of (Storey and Marrangoni), 536

postinflammatory "tumors" of; report of four cases simulating xanthoma, fibroma, or plasma cell tumor (Umiker and Iverson), 55

M

McAllister, F. F. (with Fitzpatrick, Hugh F., Papper, E. M., Krahl, Enzo, and Humphreys, George H., II.) Effect of intrapericardial and intracardiac procaine upon circulation in man during mitral commissurotomy and pulmonary valvulotomy, 259

McAuliffe, Thomas C. (with Glover, Robert P., O'Neill, J. E., Gontigo, Hugo, and Wells, C. Robert E.) Surgery of infundibular pulmonic stenosis with intact ventricular septum (type of "pure" pulmonic stenosis), 481

Mackler, S. A. (with Mayer, R. M.) Palliation of esophageal obstruction due to carcinoma with permanent intraluminal tube, 431, 445

Maclean, L. D. Discussion of benign strictures of esophagus, 363

Madoff, I. M. Discussion of absence or hypoplasia of pulmonary artery, 161

Maier, Herbert C. Absence or hyoplasia of pulmonary artery with anomalous systemic arteries to lung, 145, 162

Marrangoni, Albert G. (with Storey, Clifford F.) Lobar agenesis of lung, 536

Martineau, Yves (with Key, James A., Kergin, Frederick G., and Leckey, R. G.) Method of supplementing coronary circulation by jejunal pedicle graft, 320

Mayer, R. M. (with Mackler, S. A.) Palliation of esophageal obstruction due to carcinoma with permanent intraluminal tube, 431

Miller, Bernard J. (Gibbon, John H., Jr., Dobell, Anthony R., Engell, Hans C., and Voigt, George B.) Closure of interventricular septal defects in dogs during open cardiotomy with maintenance of cardiorespiratory functions by a pump-oxygenator, 235

Mitral insufficiency, surgical correction of (Harken, Black, Ellis, and Dexter), 604

by use of pericardial grafts, surgical correction of (Bailey, Jamison, Bakst, Bolton, Nichols, and Gemeinhardt), 551

Moore, Horace G., Jr. (with Kanar, Edmund A., Nyhus, Lloyd M., Schmitz, Everett J., Sauvage, Lester R., Zech, Ralph K., and Harkins, Henry N.) Differential behavior of arterial homografts implanted in thoracic and abdominal aorta, 310

Mueller, Helmut (with Swan, Henry, Cleveland, Henry C., and Blount, S. Gilbert, Jr.) Pulmonic valvular stenosis; results and technique of open valvuloplasty, 504

Mullard, K. S. Congenital tracheoesophageal fistula without atresia of esophagus, 39

Muller, William H., Jr. (with Kattus, Albert A., Jr., Dammann, J. Francis, Jr., and Smith, Rodney T.) Experiences in surgical treatment of aortic stenosis, 516

Mustard, W. T. (with Bigelow, W. G., and Evans, J. G.) Some physiologic concepts of hypothermia and their applications to cardiac surgery, 463

N

Naclerio, Emil A. Discussion of palliation of esophageal obstruction, 444

Nemir, Paul, Jr. Discussion of esophagocardiomyotomy in achalasia, 258

Discussion of method of preventing peptic esophagitis following esophagogastrostomy, 381

(with Hawthorne, H. R.) Physiologic basis for utilization of esophagocardiomyotomy in treatment of achalasia, 247

Neptune, Wilford B. (with Bailey, Charles P.) Mitral commissurotomy through right thoracic approach, 15

Neuman, Harold W. (with Ellis, F. Henry, Jr.) Experimental esophagogastrectomy; evaluation of associated gastric-drainage procedures, 291

Neuman, M. M. Discussion of pulmonary blastomycosis, 191

Neurofibromas of vagus nerves, bilateral intrathoracic (Gilbertsen and Lillehei), 78

Nichols, Henry T. (with Bailey, Charles P., Jamison, William L., Bakst, Alvin E., Bolton, Houck E., and Gemeinhardt, W.) Surgical correction of mitral insufficiency by use of pericardial grafts, 551

Nyhus, Lloyd M. (with Kanar, Edmund A., Schmitz, Everett J., Sauvage, Lester R., Moore, Horace G., Jr., Zech, Ralph K., and Harkins, Henry N.) Differential behavior of arterial homografts implanted in thoracic and abdominal aorta, 310

O

Ochsner, Alton. Discussion of carcinoma of lung, 409

(with Acree, Page W., and DeCamp, Paul T.) Pulmonary blastomycosis, 175

O'Neill, T. J. Discussion of reconstruction of superior vena cava, 171

Discussion of symposium on mitral insufficiency, 625

(with Glover, Robert P., Gontigo, Hugo, McAuliffe, Thomas C., and Wells, C. Robert E.) Surgery of infundibular pulmonic stenosis with intact ventricular septum (a type of "pure" pulmonic stenosis), 481

Overholt, Richard H. Discussion of adenomas of trachea and bronchus, 429

Discussion of carcinoma of lung, 408

Overton, Robert C. (with Heaney, John P., and Cronin, Thomas D.) Unusual problems in management of chest wall defects, 23

P

Papper, E. M. (with Fitzpatrick, Hugh F., Krahl, Enzo, McAllister, F. F., and Humphreys, George H., II.) Effect of intrapericardial and intracardiac procaine upon circulation in man during mitral commissurotomy and pulmonary valvulotomy, 259

Para-aminosalicylic acid on blood coagulation and prothrombin concentration on patients with tuberculosis, study of effect of (Linner), 103

Peer, Lyndon A. (with Brodkin, Henry A.) Diced cartilage for chest wall defects, 97

Peiree, E. Converse, II. Discussion of controlled cross circulation, 341

Pericardial grafts, surgical correction of mitral insufficiency by use of (Bailey, Jamison, Bakst, Bolton, Nichols, and Gemeinhardt), 551

Physiology of poststenotic dilation: Its relation to development of aneurysms (Holman), 109

Plasma-collecting vacuum bottle, simple method for doing a thoracentesis using (Albertson, Leavitt, and Gamble), 544

Plombage with Lucite spheres for the collapse therapy of pulmonary tuberculosis, tuberculous infections complicating subcostal (Desforges, Gibbons, and Strieder), 636

Pneumonitis associated with lipid deposition, etiology of chronic interstitial (Waddell, Sniffen, and Whytehead), 134

Pomerat, C. M. Opportunities for research in thoracic surgery with use of tissue culture methods, 383

Pool, John L. Discussion of benign strictures of esophagus, 364

Potts, Willis J. Discussion of symposium on pulmonic stenosis, 513

(with Holinger, Paul H., Johnston, Kenneth C., and DaCunha, Fernando) Conservative and surgical management of benign strictures of esophagus, 345, 366

Prevedel, Arthur (with Watkins, David H., and Harper, Fred R.) Method of preventing peptic esophagitis following esophagogastrostomy; experimental and clinical study, 367

Procaine upon the circulation in man during mitral commissurotomy and pulmonary valvulotomy, effect of intrapericardial and intracardiac (Fitzpatrick, Papper, Krahl, McAllister, and Humphreys), 259

Prothrombin concentration on patients with tuberculosis, study of effect of para-aminosalicylic acid on blood coagulation (Linner), 103

Pulmonary artery with anomalous systemic arteries to lung, absence of hypoplasia of (Maier), 145

complete transposition of aorta of (Björk and Bouckaert), 632

blastomycosis (Acree, DeCamp, and Ochsner), 175

edema, use of endotracheal tube in (Webb and Campbell), 222

excision for tuberculosis, effect of preoperative streptomycin on incidence of bronchopleural fistula after (Gordon), 1

resection for tuberculosis, staged and simultaneous bilateral (Shumway, Lewis, Zimmermann, and Weatherhead), 90

tuberculosis, tuberculous infections complicating subcostal plombage with Lucite spheres for the collapse therapy of (Desforges, Gibbons, and Strieder), 636

valves and proximal great vessels, simple shunting technique for surgery of aortic and (Cross, Kay, and Jones), 229

valvulotomy, effect of intrapericardial and intracardiac procaine upon circulation in man during mitral commissurotomy and pulmonary valvulotomy (Fitzpatrick, Papper, Krahl, McAllister, and Humphreys), 259

Pulmonic stenosis, type of "pure"; surgery of infundibular pulmonic stenosis with intact ventricular septum (Glover, O'Neill, Gontigo, McAuliffe, and Wells), 481

vulvular stenosis; results and technique of open valvuloplasty (Swan, Cleveland, Mueller, and Blount), 504

Pump-oxygenator, cosure of interventricular septal defects in dogs during open cardiotomy with maintenance of cardiorespiratory functions by (Gibbon, Miller, Dobell, Engell, and Voigt), 235

Puppel, I. Darin. Discussion of esophagocardiomyotomy in achalasia, 256

Discussion of method of preventing peptic esophagitis following esophagogastrostomy, 381

R

Raviteh, Mark M. Discussion of benign strictures of esophagus, 364

Read, Charles T. Discussion of absence of hypoplasia of pulmonary artery, 161

Read, Raymond C. (with Warden, Herbert E., Cohen, Morley, and Lillehei, C. Walton) Controlled cross circulation for open intracardiac surgery; physiologic studies and results of creation and closure of ventricular septal defects, 331

Reardon, Marc (with Baron, Charles) Chylothorax following blow to abdomen, 11

Research in thoracic surgery with use of tissue culture methods, opportunities for (Pomerat), 383

Retractor, neonatal thoracotomy (Cummins), 546

Rienhoff, William F., Jr. Discussion of benign strictures of esophagus, 364

Ripstein, Charles B. Discussion of symposium on mitral insufficiency, 624

Robbins, Laurence L. (with Soutter, Lamar, and Sniffen, Ronald C.) Clinical survey of adenomas of trachea and bronchus in general hospital, 412

Robertson, Ross. Discussion of benign strictures of esophagus, 365

Rodriguez-Arroyo, Jorge (with Swann, William K., and Bradsher, Jacob T., Jr.) Intracardiac surgery with aid of artificial operative tunnels, 266

S

Saklad, Meyer. Pressure breathing in surgery, 31

Samson, Paul C. Discussion of reconstruction of superior vena cava, 170

Sanger, Paul W. Discussion of palliation of esophageal obstruction, 443

Sauvage, Lester R. (with Kanar, Edmund A., Nyhus, Lloyd M., Schmitz, Everett J., Moore, Horace G., Jr., Zech, Ralph K., and Harkins, Henry N.) Differential behavior of arterial homografts implanted in thoracic and abdominal aorta, 310

Scannell, J. Gordon (with Shaw, Robert S.) Surgical reconstruction of superior vena cava, 163, 174

Schmidt, Herbert. Discussion of experimental esophagogastrectomy, 299

Discussion of method of preventing peptic esophagitis following esophagogastrostomy, 381

Schmitz, Everett J. (with Kanar, Edmund A., Nyhus, Lloyd M., Sauvage, Lester R., Moore, Horace G., Jr., Zech, Ralph K., and Harkins, Henry N.) Differential behavior of arterial homografts implanted in thoracic and abdominal aorta, 310

Sealy, Will C. Discussion of pulmonary blastomycosis, 193

(with Young, W. Glenn, Jr., and Harris, Jerome S.) Studies on cardiac arrest; relationship of hypercapnia to ventricular fibrillation, 447

Seiler, Hawley H. Synchronous combined abdominal-right thoracic approach for carcinoma of middle and upper thoracic esophagus, 305

Seley, Gabriel P.: Discussion of adenomas of trachea and bronchus, 429

Septal defects in dogs during open cardiotomy with maintenance of cardiorespiratory functions by a pump-oxygenator, closure of interventricular (Gibbon, Miller, Dobell, Engell, and Voigt), 235

physiologic studies and results of creation and closure of ventricular; controlled cross circulation for open intracardiac surgery (Warden, Cohen, Read, and Lillehei), 331

Shaw, Robert S. (with Scannell, J. Gordon) Surgical reconstruction of superior vena cava, 163

Shumway, Norman E. (with Lewis, F. John, Zimmermann, Bernard, and Weatherhead, D. Stuart P.) Staged and simultaneous bilateral pulmonary resection for tuberculosis, 90

Shunting technique for surgery of aortic and pulmonary valves and proximal great vessels (Cross, Kay, and Jones), 229

Smedal, Magnus I. (with Boyd, David P., Kirtland, Howard, B., Jr., Kelley, Gurney E., and Trump, John G.) Carcinoma of lung; report of 403 cases, 392

Smith, Philip W. (with Wilson, Charles W., Cregg, Hugh A., and Klassen, Karl P.) Cardioangiography, 273

Smith, Rodney T. (with Muller, William H., Jr., Kattus, Albert A., Jr., and Dammann, J. Francis, Jr.) Experiences in surgical treatment of aortic stenosis, 516

Sniffen, Ronald C. (with Soutter, Lamar, and Robbins, Laurence L.) Clinical survey of adenomas of trachea and bronchus in general hospital, 412

(with Waddell, William R., and Whytehead, Lawrence L.) Etiology of chronic interstitial pneumonitis associated with lipid deposition, 134

Snyder, John M. Discussion of palliation of esophageal obstruction, 444

Soutter, Lamar (with Sniffen, Ronald C., and Robbins, Laurence L.) Clinical survey of adenomas of trachea and bronchus in general hospital, 412, 430

Stenosis, experiences in surgical treatment of aortic (Muller, Kattus, Dammann, and Smith), 516

pulmonic valvular; results and techniques of open valvuloplasty, 504

Stephens, H. Brodie. Discussion of benign strictures of esophagus, 363

Discussion of surgical treatment of aortic stenosis, 533

Storey, Clifford F. (with Marrangoni, Albert G.) Lobar agenesis of lung, 536

Streptomycin, effect of preoperative, on incidence of bronchopleural fistula after pulmonary excision for tuberculosis (Gordon), 1

Strieder, John W. (with Desforges, Gerard, and Gibbons, Glen) Tuberculous infections complicating subcostal plombage with Lucite spheres for collapse therapy of pulmonary tuberculosis, 636

Surgical form, 221

Swan, Henry, II. Discussion of hypothermia in cardiac surgery, 478

Discussion of studies on cardiac arrest, 461

(with Cleveland, Henry C., Mueller, Helmut, and Blount, S. Gilbert, Jr.) Pulmonic valvular stenosis; results and technique of open valvuloplasty, 504, 514

Swann, William K. (with Bradsher, Jacob T., Jr., and Rodriguez-Arroyo, Jorge) Intracardiac surgery with aid of artificial operative tunnels, 266

T

Taber, R. E. Discussion of esophagocardiomyotomy in achalasia, 256

Thoracentesis using plasma-collecting vacuum bottle, simple method for doing (Albertson, Leavitt, and Gamble), 544

Thoracic approach for carcinoma of middle and upper thoracic esophagus, synchronous combined abdominal-right (Seiler), 305
mitral commissurotomy through right thoracic approach (Neptune and Bailey), 15
Thoracoplasty; new osteoplastic technique (Björk), 194
Thoracotomy retractor, neonatal (Cummins), 546
Tissue culture methods, opportunities for research in thoracic surgery with use of (Pomerat), 383
Trachea and bronchus in general hospital, clinical survey of adenomas of (Soutter, Sniffen, and Robbins), 412
Tracheoesophageal fistula without atresia of esophagus, congenital (Mullard), 39
Trump, John G. (with Boyd, David P., Smedal, Magnus I., Kirtland, Howard B., Jr., and Kelley, Gurney E.) Carcinoma of lung; report of 403 cases, 392
Tube, palliation of esophageal obstruction due to carcinoma with permanent intraluminal (Mackler and Mayer), 431
Tuberculosis, effect of preoperative streptomycin on incidence of bronchopleural fistula after pulmonary excision for (Gordon), 1
staged and simultaneous bilateral pulmonary resection for (Shumway, Lewis, Zimmermann, and Weatherhead), 90
study of effect of para-aminosalicylic acid on blood coagulation and prothrombin concentration on patients with (Linner), 103
Tuberculous infections complicating subcostal plombage with Lucite spheres for collapse therapy of pulmonary tuberculosis (Desforges, Gibbons, and Strieder), 636
Tumors in esophagus, simultaneous occurrence of simple and malignant tumors in (Callanan), 4
of lung, postinflammatory; report of four cases simulating xanthoma, fibroma, or plasma cell tumor (Umiker and Iverson), 55
Tunnels, intracardiac surgery with aid of artificial operative (Swann, Bradsher, and Rodriguez-Arroyo), 266

U

Umiker, W. O. (with Iverson, Lalla) Postinflammatory "tumors" of lung; report of four cases simulating xanthoma, fibroma, or plasma cell tumor, 55

V

Vagus nerves, bilateral intrathoracic neurofibromas of (Gilbertsen and Lillehei), 78
Valvuloplasty, results and technique of open; pulmonic valvular stenosis (Swan, Cleveland, Mueller, and Blount), 504
Vena cava, surgical reconstruction of superior (Scannell and Shaw), 163
Venofascial autografts, composite: creation and employment; experimental study (Chun, Forney, and Fell), 281
Venous collateral circulation of lung, experimental study of. II. Functional observations (Hurwitz, Calabresi, Cooke, and Liebow), 241
Ventricular fibrillation, relationship of hypercapnia to; studies on cardiac arrest (Sealy, Young, and Harris), 447
septum, surgery of infundibular pulmonic stenosis with intact (type of "pure" pulmonic stenosis) (Glover, O'Neill, Gontigo, McAuliffe, and Wells), 481
Vineberg, Arthur. Discussion of effect of procaine on circulation, 265
Voigt, George B. (with Gibbon, John H., Jr., Miller, Bernard J., Dobell, Anthony R., and Engell, Hans S.) Closure of interventricular septal defects in dogs during open cardiotomy with maintenance of cardiorespiratory functions by a pump-oxygenator, 235

W

Waddell, William (with Sniffen, Ronald C., and Whytehead, Lawrence L.) Etiology of chronic interstitial pneumonitis associated with lipid deposition, 134, 143
Warden, Herbert E. (with Cohen, Morley, Read, Raymond C., and Lillehei, C. Walton) Controlled cross circulation for open intracardiac surgery; physiologic studies and results of creation and closure of ventricular septal defects, 331
Waterman, David H. Discussion of absence or hypoplasia of pulmonary artery, 162
Watkins, David H. (with Prevedel, Arthur, and Harper, Fred R.) Method of preventing peptic esophagitis following esophagogastrostomy; experimental and clinical study, 367, 382

Weatherhead, D. Stuart P. (with Shumway, Norman E., Lewis, F. John, and Zimmermann, Bernard) Staged and simultaneous bilateral pulmonary resection for tuberculosis, 90

Webb, Watts R. (with Campbell, Guy D.) Use of endotracheal tube in pulmonary edema, 222

Wells, C. Robert E. (with Glover, Robert P., O'Neill, Thomas J. E., Gontigo, Hugo, and McAuliffe, Thomas C.) Surgery of infundibular pulmonic stenosis with intact ventricular septum (type of "pure" pulmonic stenosis), 481

Whytehead, Lawrence L. (with Waddell, William R., and Sniffen, Ronald C.) Etiology of chronic interstitial pneumonitis associated with lipid deposition, 134

Wilson, Charles W. (with Smith, Philip W., Cregg, Hugh A., and Klassen, Karl P.) Cardioangiography, 273

Winship, Theodore (with Davis, Edgar W., Hampton, Aubrey O., and Bickham, Charles E.) Lipoid pneumonia simulating tumor, 212

Y

Young, W. Glenn, Jr. (with Sealy, Will C., and Harris, Jerome S.) Studies on cardiac arrest; relationship of hypercapnia to ventricular fibrillation, 447, 462

Z

Zech, Ralph K. (with Kanar, Edmund A., Nyhus, Lloyd M., Schmitz, Everett J., Sauvage, Lester R., Moore, Horace G., and Harkins, Henry N.) Differential behavior of arterial homografts implanted in thoracic and abdominal aorta, 310

Zimmermann, Bernard (with Shumway, Norman E., Lewis, F. John, and Weatherhead, D. Stuart P.) Staged and simultaneous bilateral pulmonary resection for tuberculosis, 90

Zinberg, Samuel (with Jensen, N. K.) Method for measuring tidal and minute volumes in patients under regional and general anesthesia, 85